

Hibernate 联合主键 注解方式实现

作者: [codelife1993](#)

原文链接: <https://ld246.com/article/1548409656901>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

项目中遇到的问题: 用户表, 标签表, 用户标签关系表。其中用户标签关系表中, 保存用户id和标签id 为保证数据唯一, 用户id和标签id作为联合主键。分享一下过程。

1.建表语句

```
CREATE TABLE `bifex_nr`.`test_user_label_relation` (  
  `userId` int(11) NOT NULL,  
  `labelId` int(11) NOT NULL,  
  PRIMARY KEY (`userId`, `labelId`)  
);
```

2.实体的设置 注解方式

2.1 实体类代码

```
import javax.persistence.*;  
  
@Entity  
@Table(name = "test_user_label_relation")  
public class TestUserLabelRelation {  
  
    private UserLabelRelationPk relationPk;  
  
    @Id  
    @Embedded  
    @AttributeOverrides({  
        @AttributeOverride(name = "userId", column = @Column(name = "user_id")),  
        @AttributeOverride(name = "labelId", column = @Column(name = "label_id"))  
    })  
    public UserLabelRelationPk getRelationPk() {  
        return relationPk;  
    }  
  
    public void setRelationPk(UserLabelRelationPk relationPk) {  
        this.relationPk = relationPk;  
    }  
  
}
```

2.2 主键类 代码

```
import javax.persistence.Embeddable;  
import java.io.Serializable;  
  
@Embeddable  
public class UserLabelRelationPk implements Serializable {  
  
    private Integer userId;  
  
    private Integer labelId;  
  
    public Integer getUserId() {  
        return userId;  
    }  
  
}
```

```

public void setUserId(Integer userId) {
    this.userId = userId;
}

public Integer getLabelId() {
    return labelId;
}

public void setLabelId(Integer labelId) {
    this.labelId = labelId;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }

    if (!(obj instanceof UserLabelRelationPk)) {
        return false;
    }

    UserLabelRelationPk key = (UserLabelRelationPk) obj;

    if (!userId.equals(key.getUserId())) {
        return false;
    }

    if (!labelId.equals(key.getLabelId())) {
        return false;
    }

    return true;
}

@Override
public int hashCode() {

    int result = 0;

    result = userId == null ? 0 : userId.hashCode();
    result = 29 * (labelId == null ? 0 : labelId.hashCode()) + result;
    return result;
}
}

```

还有其他两种实现方式 可以参考:<http://www.voidcn.com/article/p-fggouqde-bam.html>